

HUMAN CXADR PROTEIN, HFC TAG

Cat.#: 11904

Product Name: Human CXADR Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CAR;CAR4/6;HCAR

Target: CXADR

UNIPROT ID: P78310

Description: Recombinant Human CXADR Protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses. Several transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene are found on chromosomes 15, 18, and 21. [provided by RefSeq, May 2011]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 50.2 kDa after removal of the signal peptide. The apparent molecular mass of CXADR-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: CXADR(Leu20-Gly237) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Human CXADR Protein, hFc Tag on SDS-PAGE under reducing condition.